

## CLAIMS:

1. (Currently Amended) A window having comprising:

a) a window frame (2) and a casement (23), which can be moved relative to the window frame;

b) mountings (4-7) between the casement (23) and the window frame (2) for the moving of the casement (23) relative to the window frame (2); and

c) a handle (13) arranged on the casement (23), which handle (13) has a grip part which can be moved into different grip positions at the casement (23) —, in particular, can be rotated —, which rotating positions correspond to different operating positions of the casement (23);

characterized in that

d) the handle (13) has one of switching elements and/or sensors; for determining the grip positions; and

e) one of the following controlled by one of the switch elements and sensors the handle (13) is connected in a wireless manner or by way of electric lines

i. with electromagnetic or electromechanical locking elements (8,9) between the casement (23) and the window frame (2),

ii. and/or with electromagnetic or electromechanical function elements, particularly coupling elements (10—12) for at least one or more of the mountings (5, 6, 7), and

iii. and/or with an electromechanical driving device for opening and closing the casement (23).

2. (Currently Amended) A window according to Claim 1, wherein having a window frame (2) and a casement (23) which is movable relative to the window frame into a rotating and a tilting position, having mountings (4-7) between the casement (23) and the window frame (2) for moving the casement (23) relative to the window frame (2) and a handle (13) arranged on the casement (23), which handle (13) has a grip part which can be moved on the casement (23) into different grip positions — particularly rotatable on a grip bearing —, which grip positions correspond to different operating positions of the casement (23);

~~characterized in that the handle (13) has one of the switching elements and/or sensors for detecting the grip rotating position as well as a manually operable switch (47) are arranged directly on the handle, for switching a drive for the tilting position, where the handle (13) being~~is ~~connected in a wireless manner or by way of electric lines with at least one electromotive locking element (10-12) for the casement and with at least one electromotive coupling element (10-12) for the tilting bearing, and the handle (13) being connected by way of electric lines or a radio link with an electromechanical driving device for opening and closing the casement (23) into and out of a tilting position.~~

3. (Currently Amended) A Window according to Claim 1 or 2,  
~~characterized in that~~wherein the handle (13) is connected with one of the locking elements (8, 9) and/or the mountings by way of~~now~~without ~~mechanical elements, such as a gearing.~~

4. (Currently Amended) A Window according to Claim 1, 2 or 3,  
~~characterized in that~~wherein the window frame (2) and the casement (23) are constructed without connecting rods.

5. (Currently Amended) A Window according Claim 1, to one of the  
~~preceding claims,~~  
~~characterized in that~~wherein the handle (13) is designed for the manual opening and closing of the casement.

6. (Currently Amended) A Window according to Claim 5,  
~~characterized in that~~wherein the handle (13) is designed for the manual opening and closing of the casement into and out of a rotating position.

7. (Currently Amended) A Window according to Claim 6,  
~~characterized in that~~wherein the handle (13) (is designed with?)includes a manually operable switch (47) for operating an electromotive~~mechanical drive~~driving device at a tilt-out bracket for the automatic opening and closing of the casement into and out of a tilting position.

8. (Currently Amended) A Window according to Claim 1~~one of the preceding~~  
~~claims,~~  
~~characterized in that~~wherein an electronic monitoring and/or control device for detecting~~monitoring~~ the grip position of the handle (13) is assigned to the handle (13).

9. (Currently Amended) A Window according to Claim 8,  
~~characterized in that~~wherein the handle is connected in one of a wireless manner or~~and~~ by  
~~way of an electric line with the monitoring and/or control device.~~

10. (Currently Amended) A Window according to Claim 1~~one of the preceding~~  
~~claims,~~  
~~characterized in that~~including a rabbet space ~~(26)~~ is constructed between the window frame  
~~(2)~~ and the casement ~~(23)~~, and in that at least one or more of the locking elements ~~(8-9)~~ are  
arranged and distributed in or on the rabbet space, ~~where~~here the locking elements bridge the  
rabbet space and ~~have the purpose of locking the casement (23) on the window frame (2) in~~  
the closed position of the window, such that ~~the~~ at least one locking element ~~being~~is  
responsive ~~controllable in a wireless manner by way of electric lines corresponding to the~~  
grip position of the handle ~~(13)~~, and ~~having~~ an electromagnetically or electromechanically  
acting closing element ~~(27)~~.

11. (Currently Amended) A Window according to Claim 1~~one of the preceding~~  
~~claims,~~  
~~characterized in that~~wherein the function elements, particularly the coupling elements ~~(10-~~  
~~12)~~, are designed for the engaging and disengaging of one of a pivot bearing and/or of a  
tilting bearing ~~(5)~~ in and out of their operating position, and the function elements ~~(10, 11,~~  
~~12)~~ ~~being controlled in a wireless manner or by way of electric lines corresponding~~ are  
responsive to the grip position of the handle (13).

12. (Currently Amended) A Window according to Claim 1~~one of the preceding~~  
~~claims,~~  
~~characterized by~~wherein one of ~~a the~~ mountings, serves as a tilt-out device ~~(7)~~ for limiting  
the tiltability or rotatability of the casement ~~(3)~~.

13. (Currently Amended) A Window according to Claim 12~~one of the~~  
~~preceding claims,~~  
~~characterized in that~~wherein the electromechanical drive for the opening and closing of the  
window is assigned to the tilt-out device ~~(7)~~.

14. (Currently Amended) A Window according to Claim 12~~one of the~~  
~~preceding claims,~~

characterized in that wherein one of the function elements (10,11,12) is assigned to the tilt-out device (7).

15. (Currently Amended) A ~~Window~~ according to Claim 1 ~~one of the preceding~~ claims,

characterized in that wherein the handle is connected in a wireless manner or by way of at least one data line with a control and/or monitoring device.

16. (Currently Amended) A ~~Window~~ according to Claim 1 ~~one of the preceding~~ claims,

characterized in that wherein an electronic circuit is ~~for one of switching elements and sensors~~ assigned to the handle (13) directly on the casement (23).

17. (Currently Amended) A ~~Window~~ according to Claim 16 ~~one of the preceding~~ claims,

characterized in that wherein the electronic circuit of the handle (3) is arranged moveably mounted to the ~~in a grip housing, particularly in the manner of a collar.~~

18. (Currently Amended) A ~~Window~~ according to Claim 1 ~~one of the preceding~~ claims,

characterized in that wherein the casement (23) is constructed as one of a rotating or tilting casement ~~or~~ and as a rotating and tilting casement.

19. (Currently Amended) A ~~Window~~ according to Claim 1 ~~one of the preceding~~ claims,

characterized in that wherein the casement (23) is constructed as one of a sliding casement ~~or~~ and as a parallel/tilt-out casement.

20. (Currently Amended) A ~~Window~~ according to Claim 1 ~~one of the preceding~~ claims,

characterized in that wherein the casement (23) ~~has~~ is one of a frameless construction ~~or~~ and has a casement frame.

21. (Currently Amended) A ~~Window~~ according to Claim 1 ~~one of the preceding~~ claims,

characterized in that wherein the window frame (2) has a surrounding construction.

22. (Currently Amended) A Window according to Claim 1 ~~one of the preceding~~ claims,  
~~characterized in that~~ wherein an electric circuit for the handle ~~(13)~~ is arranged in one of the  
handle ~~(13)~~ or in the proximity of the handle ~~(13)~~, ~~thus, in the~~ and a rabbet space, a chamber  
or a recess of the casement frame.

23. (Currently Amended) A Window according to Claim 16 ~~one of the~~ preceding claims,  
~~characterized in that~~ wherein the ~~electric~~ electronic circuit and the handle ~~(13)~~ form a functional  
constructional unit.

24. (Currently Amended) A Window according to Claim 1 ~~one of the preceding~~ claims,  
~~characterized in that~~ wherein the handle is equipped with at least one indicating device, ~~such~~  
~~as a light-emitting diode, which indicates the operating and functioning condition, of one of~~  
~~particularly with respect to the locking devices, the mountings or~~ and the drive.

25. (Currently Amended) A Window according to Claim 1 ~~one of the preceding~~ claims,  
~~characterized in that~~ wherein the handle, its switch and a pertaining electronic monitoring  
and/or control unit ~~device~~ are designed such that the handle is used for the manual opening of  
the casement into a rotationally open position about the vertical axis of rotation, while the  
tilting takes place about a ~~preferably lower~~ horizontal tilting axis by means of an  
~~electromotive~~ mechanical ~~driving device~~ driving device ~~for example, having a chain.~~

26. (Currently Amended) A Window according to Claim 1 ~~one of the preceding~~ claims,  
~~characterized in that~~ wherein ~~the~~ an electronic switching and control unit for the  
~~electromotive~~ mechanical ~~driving device~~ driving device is arranged in a housing on the grip.

27. (Currently Amended) A Window according to Claim 1 ~~one of the preceding~~ claims,  
~~characterized in that~~ wherein a multi-core cable is laid from the window frame to the  
casement frame, which cable is used for the voltage supply to one of the  
~~electromotive~~ mechanical ~~driving devices~~ driving devices ~~and/or for the data transmission.~~

28. (Currently Amended) A Window according to Claim 1 ~~one of the preceding~~ claims,  
~~characterized in that~~including a the electronic switching and control unit is connected by radio or by line with a higher-ranking control center.

29. (Currently Amended) A Window according to Claim 1 ~~one of the preceding~~ claims,  
~~characterized in that~~wherein the handle is a rotating window grip (46) on whose side facing away from the casement the switch (47) is arranged one of the switches.

30. (Currently Amended) A Window according to Claim 29 ~~one of the~~ preceding claims,  
~~characterized in that~~wherein a manually operable switch, which is accessible from the outside, is constructed on the grip.

31. (Currently Amended) A Window according to one of the preceding ~~claims~~ Claim 1,  
~~characterized by including a device for remotely monitoring the position of the window grip with a grip shaft (102), in the case of which a switching gate (118) is arranged on the a grip shaft (102) of the window grip which operates the closing mechanism for determining the position of the grip shaft, and the , specifically preferably a switching gate which is connected directly or by way of intermediately connected elements, such as at least an electric line, particularly a bus, and/or a radio link, to a control and/or monitoring device.~~

32. (Currently Amended) A Window according to Claim 31,  
~~characterized in that~~wherein the control and/or monitoring device is arranged directly on the window grip.

33. (Currently Amended) A Window according to Claim 31,  
~~characterized in that~~wherein the control and/or monitoring device is arranged at a location spaced away from the window.

34. (Currently Amended) A Window according to Claim 31, 32 or 33,  
~~characterized in that~~wherein the switching gate interacts with at least one electric or magnetic sensor (111a, 111b, 111e), and the sensors (111a, 111b, 111e) are connected to the control and/or monitoring device ~~by way of the radio connection or the electric line.~~

35. (Currently Amended) A Window according to Claim 31 ~~one of the~~ preceding claims,

~~characterized in that~~wherein the switching gate ~~(118)~~ interacts with at least two sensors ~~(111a, 111b, 111e)~~ arranged in an angularly offset manner in the rotating direction of the grip shaft ~~(102)~~.

36. (Currently Amended) A Window according to Claim 1, ~~one of the~~ preceding claims,

~~characterized in that~~wherein, in the case of a rotating/tilting mounting, three sensors ~~(111a, 111b, 111e)~~ are provided which are assigned to different grip positions correspondingly ~~(closed, swiveled open, tilted open)~~.

37. (Currently Amended) A Window according to Claim 1 ~~one of the~~ preceding claims,

~~characterized in that~~wherein the sensors are constructed as electric microswitches ~~(111a, 111b, 111e)~~, and the switching gate ~~(118)~~ is a mechanical gate with at least one control cam ~~(118a)~~.

38. (Currently Amended) A Window according to Claim 1 ~~one of the~~ preceding claims,

~~characterized in that~~wherein the sensors are constructed as magnetically operable contacts, ~~(such as reed contacts)~~, and the switching gate carries at least one magnet.

39. (Currently Amended) A Window according to Claim 1 ~~one of the~~ preceding claims,

~~characterized in that~~wherein the sensors ~~(111a, 111b, 111e)~~ are arranged on a printed circuit board ~~(108)~~ held by the bottom part ~~(106)~~ of the grip mounting ~~(2, 6)~~, which printed circuit board ~~(108)~~ also carries a radio electronic module ~~(116)~~.

40. (Currently Amended) A Window according to Claim 1 ~~one of the~~ preceding claims,

~~characterized in that~~wherein the sensors ~~(111a, 111b, 111e)~~ as well as a radio electronic module ~~(116)~~ are arranged in a backing frame on a printed circuit board ~~(108)~~, which backing frame is to be inserted between ~~the~~ a grip housing ~~(6, 7)~~ and the casement frame ~~(84)~~ ~~(3?)~~, and the printed circuit board ~~(108)~~ has a passage hole ~~(110)~~ for a grip shaft ~~(102)~~ lengthened by the height of the backing frame.

41. (Currently Amended) A Window according to Claim 39~~one of the preceding claims, having a printed circuit board (108) at least partially covering the dimension area of the~~grip shaft, of the grip part, and~~characterized in that~~wherein the printed circuit board (108) has a passage opening (11) for the grip shaft (102).

42. (Currently Amended) A Window according to Claim 39~~one of the preceding claims,~~characterized in that~~wherein at least one magnetic sensor (113a, 113b), preferably a reed contact, is arranged on the~~handle~~printed circuit board (108), which reed contact magnetic sensor interacts with a magnet (120) fastened to the window frame (103).~~

43. (Currently Amended) A Window according to Claim 1~~one of the preceding claims,~~characterized in that~~wherein the handle is a rotating window grip (46) on whose side facing away from the casement, a manually operable switch (47) is arranged.~~

44. (Currently Amended) A Window according to Claim 43~~one of the preceding claims,~~characterized by including a device for remotely monitoring the position of the window grip with a grip shaft (102), in the case of which a switching gate (118) is arranged on the grip shaft (102) of the window grip which operates the closing mechanism for determining the position of the grip shaft, and, specifically preferably at the switching gate which is connected directly or by way of intermediately connected elements, such as at least an electric line, particularly a bus, and/or a radio link, to a control and/or monitoring device.

45. (Currently Amended) A window according to Claim 1, comprising:  
an electrical handle system which includes Handle for a window, particularly a window according to one of the preceding claims, which has a window frame (2); and  
a casement (23) movable relative to the window frame, by monitoring the handle system being constructed for the manual opening and closing of the casement;  
comprising:



~~characterized in that the handle (13) has a handle;~~

~~\_\_\_\_\_one of switching elements and/or sensors for determining the position of the handle;;~~  
~~and the handle (13) being~~

~~\_\_\_\_\_connected in a wireless manner or by way of electric lines with one of~~  
~~electromagnetic ~~or~~and electromechanical locking elements (8, 9) between the casement (23)~~  
~~and the window frame (2) and/or with electromagnetic or electromechanical function~~  
~~elements, particularly coupling elements (10-12), for at least one or more mountings (5, 6, 7)~~  
~~and/or with an electromechanical driving device for the opening and closing of the casement~~  
~~(23).~~

46. (Currently Amended) A Hhandle system according to Claim 45,  
~~characterized in that~~wherein the handle (13) has switching elements and/or sensors for  
detecting the grip rotating position as well as a manually operable switch (47) arranged  
directly on the handle, for switching a drive for the tilting position.

47. (Currently Amended) A Hhandle according to Claim 45 ~~or 46~~,  
~~characterized in that~~wherein the handle (13) is fastened to the casement and is connected with  
the locking elements (8, 9) and/or the mountings ~~by way of no~~ without mechanical elements,  
such as a gearing.

48. (Currently Amended) A Hhandle according to Claim 45 ~~or 46~~,  
~~characterized in that~~wherein the handle (13) has a grip collar, on which a grip is rotatably  
disposed, the grip collar being non-rotatably fastened to the casement, and the electric circuit  
in the grip collar being in an operative connection ~~by way of electric lines or in a wireless~~  
~~manner with one of~~ drives for the locking elements (8, 9) and/or the mountings and/or ~~for~~ the  
opening and closing of the window.